Bernardo CarreÃ³n-CalderÃ³n

List of Publications by Year
in descending order

10 papers	89 citations	1478505 6 h-index	1372567 10 g-index
14 all docs	14 docs citations	14 times ranked	52 citing authors

#	Article	IF	Citations
1	Estimation of gas solubility in petroleum fractions using PR-UMR and group contributions methods. Fuel, 2020, 275, 117911.	6.4	5
2	Thermomechanical Point of View of the Effect of Pressure and Free Volume on the Molecular Diffusion Coefficients. Journal of Chemical & Engineering Data, 2019, 64, 1956-1969.	1.9	2
3	Predictive method of hydrogen solubility in heavy petroleum fractions using EOS/GE and group contributions methods. Fuel, 2018, 224, 619-627.	6.4	15
4	Hydrogen Solubility in Heavy Undefined Petroleum Fractions Using Group Contributions Methods. Oil and Gas Science and Technology, 2017, 72, 2.	1.4	14
5	Thermodynamic Characterization of Undefined Petroleum Fractions of Gas Condensate using Group Contribution. Oil and Gas Science and Technology, 2016, 71, 5.	1.4	8
6	Thermodynamic Characterization of Heavy Petroleum Fluids Using Group Contribution Methods. Industrial & Engineering Chemistry Research, 2014, 53, 5598-5607.	3.7	13
7	Theoretical study of vapor-liquid homogeneous nucleation using stability analysis of a macroscopic phase. Journal of Chemical Physics, 2012, 137, 144104.	3.0	1
8	Thermodynamic Characterization of Undefined Petroleum Fractions using Group Contribution Methods. Industrial & Engineering Chemistry Research, 2012, 51, 14188-14198.	3.7	21
9	Modified Rachfordâ€Rice equations including interfacial contributions and their application to the nucleation process. AIChE Journal, 2010, 56, 1907-1921.	3.6	2
10	Driving force in firstâ€order phase transitions and its application to gas hydrate nucleation from a single phase. AIChE Journal, 2009, 55, 2433-2447.	3.6	6